

FAIZAH J ALANAZI

Assistant Professor of Applied Mathematics
Northern Border University



PERSONAL INFORMATION

- Nationality: Saudi
- Gender: Female
- Marital Status: Married
- Date of Birth: 18/02/1985
- National ID: 1011950910



ABOUT ME

Assistant Professor of Applied Mathematics specializing in neural networks and machine learning, with a strong foundation in nonlinear dynamics, bifurcation, and chaos. My research integrates mathematical modeling with data-driven methods to analyze and develop intelligent systems for complex real-world applications.



EXPERIENCE/ACADEMIC ROLES

- Coordinator of the Mathematics Department (Female Section), Northern Border University,
- Supervisor of the Scientific Societies Unit, Northern Border University,
- Member, Gifted Students Unit, Northern Border University,
- Member, Unit of Systems and Study Plans, College of Science, Northern Border University,
- Member, Sub-Committee for Standardized Exams, Department of Mathematics,
- Member, E-Learning and Distance Education Committee, College of Science,
- Member, Timetabling and Examinations Committee, Department of Mathematics.



TRAINING COURSES & CONFERENCES

- **Threshold Networks**, Nottingham University, UK, July 22–24, 2019 — Attendance only,
- **BAMC-23**, Bristol, UK, April 3–5, 2023 — Poster Presentation,
- **MPDEE-24**, Leicester, UK, April 15–19, 2024 — Oral Presentation,
- **MTNS 2024**, Cambridge, UK, August 19–23, 2024 — Oral Presentation
- **Environmental Mathematics Seminar**, University of Exeter, UK, 2022–Present,
- **Biomathematics Research Group**, University of Nottingham, UK, 2019–2022.



ACADEMIC PROFILES

LinkedIn:



ResearchGate:



CONTACT



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Almansouriah, Arar, Northern Border Region,
Saudi Arabia



EDUCATION

- University of Exeter, United Kingdom
PhD in Applied Mathematics
2022
- Taibah University, Saudi Arabia
Master's in Applied Mathematics
2013
- Northern Border University, Saudi Arabia
Bachelor's in Mathematics
2006



SKILLS

- Mathematical Modeling
- Neural Networks & Machine Learning
- Nonlinear Dynamics, Bifurcation & Chaos
- MATLAB & Numerical Simulation
- Scientific Research & Data Analysis



LANGUAGE

- Arabic
- English



PUBLICATIONS

